



DAILY GEOLOGICAL REPORT

WELL: Glenaire-01 **REPORT No.:** 1 **DAYS FROM SPUD:** 4 **DATE:** 11/06/06
PL: PEP 160 **0000 hrs Depth:** 310 m **LAST DEPTH:** 307 m **PROGRESS:** 3m
LOCATION: Otway Basin **Rig:** Ensign 32 **RT elevation:** 76.1 m **PTD:** 3945 m
Northing: 5 840 813 m N **Easting:** 499 810 m E **Ground Level:** 70.0m
NEARBY WELLS: Tullich-1, Mceachern-1, Haselgrove, Heathfield-1

0600 OPS: Drill ahead at 448m in Pebble Point Formation conglomeratic sandstones.

PREVIOUS 24 Hours Operations: Set 340mm casing to 303.5m, drill out shoe track, and new hole to 310m, perform FIT to 12.0 ppg mweq.

Comment:

Formation Tops (Wellsite)	Wellsite (mRT)	Wellsite (mSS)	Prognosed (mRT)	Depths (mSS)	Prognosis Diff H/L
Gambier Limestone	6.1	70	6	70	0
Dilwyn Formation	29	47	82	-6	53H
Pember Formation	320	-244	347	-271	27H
Pebble Point Formation	380	-304	421	-345	41H
Sherbrook Group			487	-411	
Eumeralla Formation			656	-580	
Windermere/Katnook Ss			2034	-1958	
Laira Formation			2059	-1983	
Pretty Hill Formation			3746	-3670	
T.D.			3945	-3869	

Interval (m) ROP (ave) min/m	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
0 - 307	See mudlog.	Nil
Fluorescence	Nil	

307 - 320	SANDSTONE, (80%) off white to light grey, silty to very coarse, dominantly very fine, subangular to rounded, very poorly sorted, very weak silica cement, abundant white argillaceous and silt matrix – matrix supported, friable, poor visual porosity. SILTSTONE, (20%) off white, very argillaceous, trace micromica, soft, non fissile.	Nil
Fluorescence	Nil	

320 -380	SILTY CLAYSTONE, (100%) dark brown, common to abundant dispersed very fine to very coarse quartz sand grains often with brown staining, moderately carbonaceous, trace pyrite, rare glauconite, trace fossil fragments, soft, non fissile.	Nil
Fluorescence	Nil	

380 - 448	SANDSTONE, light brown, very fine to pebble, dominantly very coarse, subangular to rounded, very poorly sorted, weak silica cement, common dark brown argillaceous matrix, opaque to milky quartz grains often with brown staining, trace pyrite, unconsolidated to friable, good inferred porosity, no oil fluorescence.	Nil
Fluorescence	Nil	

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Fluorescence	
Fluorescence	
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